

seq list

SEQUENCE LISTING

<110> Ago, Hideo
Miyano, Masashi
Adachi, Tsuyoshi

<120> HCV Polymerase Suitable for Crystal
Structure Analysis and Method for Using the Enzyme

<130> SHIM007

<140> 09/608,713

<141> 2000-06-30

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<212> FRT

<213> Hepatitis C Virus

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<223> DNA encoding fusion protein consisting of a portion of HCV polymerase and histidine tag at the C-terminus

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seq list																		
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Arg	Glu	Arg	Arg	Pro	Ala	Ser	Pro	Pro	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa		
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seq list

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 <213> Artificial Sequence

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 portion of HCV polymerase and histidine tag at the
 C-terminus

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 1 5 10 15
 Ala Glu Glu Ser Lys Leu Pro Ile Asn Ala Leu Ser Asn Ser Leu Leu
 20 25 30
 Arg His His Asn Met Val Tyr Ala Thr Thr Ser Arg Ser Ala Gly Leu
 35 40 45
 Arg Gln Lys Lys Val Thr Phe Asp Arg Leu Gln Val Leu Asp Asp His
 50 55 60
 Tyr Arg Asp Val Leu Lys Glu Met Lys Ala Lys Ala Ser Thr Val Lys
 65 70 75 80
 Ala Lys Leu Leu Ser Val Glu Glu Ala Cys Lys Leu Thr Pro Pro His
 85 90 95
 Ser Ala Lys Ser Lys Phe Gly Tyr Gly Ala Lys Asp Val Arg Asn Leu
 100 105 110
 Ser Ser Lys Ala Val Asn His Ile His Ser Val Trp Lys Asp Leu Leu
 115 120 125
 Glu Asp Thr Val Thr Pro Ile Asp Thr Thr Ile Met Ala Lys Asn Glu
 130 135 140
 Val Phe Cys Val Gln Pro Glu Lys Gly Gly Arg Lys Pro Ala Arg Leu
 145 150 155 160
 Ile Val Phe Pro Asp Leu Gly Val Arg Val Cys Glu Lys Met Ala Leu
 165 170 175
 Tyr Asp Val Val Ser Thr Leu Pro Gln Val Val Met Gly Ser Ser Tyr
 180 185 190
 Gly Phe Gln Tyr Ser Pro Gly Gln Arg Val Glu Phe Leu Val Asn Thr
 195 200 205
 Trp Lys Ser Lys Lys Asn Pro Met Gly Phe Ser Tyr Asp Thr Arg Cys
 210 215 220
 Phe Asp Ser Thr Val Thr Glu Asn Asp Ile Arg Val Glu Glu Ser Ile
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 Tyr Gln Cys Cys Asp Leu Ala Pro Glu Ala Arg Gln Ala Ile Lys Ser
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seq list

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seq list

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<223> DNA encoding fusion protein consisting of a
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 C-terminus

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30

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 <213> Artificial Sequence

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 <223> Artificially synthesized primer sequence, 5B570HRV

<223> DNA encoding fusion protein consisting of a
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 C-terminus

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57

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 <211> 57
 <212> DNA
 <213> Artificial Sequence

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<223> DNA encoding fusion protein consisting of a
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 C-terminus

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57

<210> 8

seq list

<211> 57
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<223> DNA encoding fusion protein consisting of a
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 C-terminus

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<220>
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<223> Artificially synthesized primer sequence 5B531HRV

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<220>
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 <223> Artificially synthesized primer sequence,
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seq list

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<223> Artificially synthesized primer sequence

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<400> 12
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<210> 13
 <211> 8
 <212> PRT

seq list

<213> Hepatitis C Virus

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1

5